



Power Macintosh 5500/225

for Education

Features

High performance

- RISC-based PowerPC 603e processor with built-in floating-point unit (FPU) and 32K internal cache
- 256K level 2 cache
- 32MB of RAM, supports up to 128MB

Advanced multimedia

- Features a 12x-speed CD-ROM drive
- Provides built-in 2D and 3D graphics acceleration
- Includes TV video-output capabilities, as well as a built-in video-input card
- Offers 16-bit stereo sound input and output
- Accommodates options such as the Apple TV/FM Radio System and the Avid Cinema Card and software, for easy video editing

Versatile communications

- Provides a 10BASE-T Ethernet port
- Supports Apple's Open Transport networking software (TCP/IP and AppleTalk)
- Includes software for quick, easy web browsing and e-mail send/receive
- Offers two high-speed serial ports

Expandability and flexibility

- Comes with an industry-standard PCI expansion slot
- Includes a SCSI connector for hard disks, CD-ROM drives, and other SCSI devices

Mac OS 7.6.1 system software

- Apple Guide software for step-by-step help with basic system operation
- QuickTime multimedia software
- Macintosh PC Exchange software
- Free upgrade to Mac OS 8 for systems purchased after July 1, 1997 (U.S. \$9.95 charge for shipping and handling)

The Apple Power Macintosh 5500/225 combines Macintosh performance and ease of use with a convenient all-in-one design that provides a full spectrum of standard and optional multimedia features. It's an ideal solution for anyone who wants a personal computer that's easy to use and affordable, yet still offers high performance and advanced multimedia—along with expansion options designed to take it into the future.

All-in-one computers have always been convenient—and often economical—but today they're reaching new heights of performance. The advanced Power Macintosh 5500/225 features one of the most powerful processors ever used in an all-in-one system: a 225-megahertz PowerPC 603e. Its processing speed is complemented by the system's on-board Ethernet connection, for high-speed networking. And to ensure that the Power Macintosh 5500/225 can continue to meet your needs in the future, it offers an industry-standard PCI expansion slot.

Educational multimedia has long been an Apple stronghold, and the Power Macintosh 5500/225 builds on Apple's legacy in this area by providing several innovative features designed to enhance your multimedia capabilities. For example, it provides built-in 2D and 3D graphics acceleration, as well as a 12x-speed

CD-ROM drive. It also adds a new kind of video-output capability—TV video output, which allows for easy and instant connection to any standard NTSC television—to the more standard built-in video-input card and optional TV/FM tuner capabilities. In addition, it's designed to accommodate the Avid Cinema Card and accompanying software, which brings video-editing capabilities to the desktop.

Besides multimedia, the other hot topic in education is the Internet. The Power Macintosh 5500/225 makes it easy to join the ranks of the Internet revolution, because it comes with a CD containing all the software you need for Internet access (modem required). So you and your students can use this computer to do everything from "surfing the net" for news on current events to using Internet-based electronic mail and bulletin boards for collaborative projects with geographically distant peers.

The Power Macintosh 5500/225: advanced multimedia and communications capabilities in a convenient, affordable all-in-one computer.





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Ordering Information

Power Macintosh 5500/225

Order No. M5761LL/A

- Power Macintosh 5500/225 computer with built-in 15-inch (12.8-inch diagonal viewable image size) multiple-scan color display, 32MB of RAM, a built-in 1.4MB Apple SuperDrive floppy disk drive, an internal 2GB hard disk drive, and an internal 12x-speed CD-ROM drive. Includes keyboard and mouse; Mac OS 7.6 or later; Internet access software; complete setup, learning, and reference documentation; and limited warranty.

Optional enhancements

Apple TV/FM Radio System

Order No. M4586LL/A

Avid Cinema Video Editing System

Order No. M4561LL/B

Apple 10BASE-2 (Thin Coax) Ethernet Card

Order No. M4773ZM/A

Apple AAUI (Generic) Ethernet Card

Order No. M4774ZM/A

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Technical Specifications

Microprocessor

- PowerPC 603e processor running at 225 MHz (with 32K internal cache)
- 32 integer registers and 32 floating-point registers
- 256K level 2 cache
- 50-MHz system bus

Memory

- Comes with 32MB
- Will support up to 128MB via 2 DIMM slots
- Uses 168-pin, noncomposite, 60-nanosecond or faster EDO DIMMs (1K or 2K refresh, 5 volt)

Disk drives

- Internal 2GB IDE hard disk drive
- Internal 1.4MB Apple SuperDrive floppy disk drive
- Reads, writes, and formats Mac OS, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal 12x-speed CD-ROM drive

Interfaces

- One PCI expansion slot (requires 7-inch PCI cards that come with a Macintosh driver and are PCI 2.0-compliant; NuBus cards cannot be used)
- PCI-based communications slot (used by built-in Ethernet)
- SCSI interface port for connecting as many as six external SCSI devices
- Apple Desktop Bus port for mouse, keyboard, and other devices
- Two serial ports (RS-232/RS-422)
- Video-input slot for Apple Video System card
- Expansion bay for optional Apple TV/FM Radio System
- Infrared receiver for remote control (provided with Apple TV/FM Radio System)

Video capabilities

- Built-in 15-inch (12.8-inch diagonal viewable image size) multiple-scan color display
- 0.28-mm dot pitch
- NTSC video-output capabilities
- Video-input card that supports video recording from a camcorder, VCR, or laserdisc

Display support

- 2MB of SGRAM video memory
- 2D and 3D accelerated graphics
- 24-bit color for display of up to 16 million colors at resolutions up to 832 by 624 pixels
- 16-bit color for display of up to 32,768 colors at resolutions up to 1,024 by 768 pixels

Audio

- 16-bit, CD-quality stereo input/output ports
- SRS 3D surround sound enhancement
- Front headphone jack and volume control

Communications

- One 10BASE-T Ethernet port

Clock/calendar

- Custom integrated circuit with long-life battery

Keyboard and mouse

- Includes AppleDesign Keyboard and ADB Mouse II

Electrical requirements and compliance

- Line voltage: 110/220 V AC, RMS, single phase
- Frequency: 47 to 63 Hz, single phase
- Power: 150 W maximum, not including display
- U.S. EPA Energy Star compliant

ADB power requirements

- Maximum current draw for all devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA
- Keyboard draws 25 to 80 mA (varies with keyboard used)

Size and weight

- Height: 17.5 in. (44.5 cm)
- Width: 15.1 in. (38.3 cm)
- Depth: 16.0 in. (40.6 cm)
- Weight: 47 lb. (21 kg)

Operating environment

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 20% to 95% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

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